



IMPORTANT:
Go to www.extron.com for the complete user guide, installation instructions, and specifications before connecting the product to the power source.

MTP U T A D • Setup Guide

This guide provides quick start instructions for an experienced installer to set up and operate an Extron MTP U T A D universal transmitter.

Preparing the Mounting Surface

NOTE: Use a wall box with a depth of at least 2.5 inches (6.4 cm).

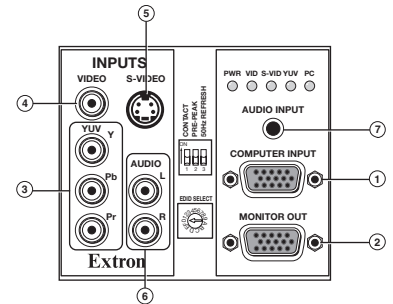
1. Place the wall box against the installation surface and mark the opening guidelines.

TIP: Use a level to properly orient the opening.

2. Cut out the material from the marked area.
3. Secure the wall box with 10-penny nails or #8 or #10 screws, leaving the front edge flush with the outer wall or furniture surface.
4. Run all required cables (see Rear Panel Connections) and secure them with cable clamps.

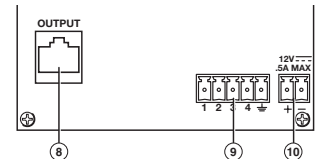
Front Panel Inputs

- 1 Plug a computer (VGA) video source into the Computer Input 15-pin HD connector.
- 2 Plug a VGA monitor into the Monitor Out 15-pin HD connector.
- 3 Plug a high definition or standard definition component video source into the YUV RCA connectors.
- 4 Plug a composite video source into the Video RCA connector.
- 5 Plug an S-video source into the S-video 4-pin mini-DIN connector.
- 6 Plug a stereo audio source into the audio RCA connectors.
- 7 Plug a stereo audio source into the 3.5 mm mini jack connector.



Rear Panel Connections

- 8 Terminate a TP cable as shown below at right. Connect it between the transmitter Output port and the receiver Input port (both ends need to match).
- 9 Wire the 5-pole captive screw connector for the contact closure control of input selections as shown below. To select a video input as the transmitter output, momentarily tie the assigned pin for that format to ground.
- 10 Wire the 2-pole captive screw connector for the included external 12 VDC, 1 A power supply (see image and grounding instructions on the next page).



ATTENTION: Do not connect these devices to a computer or telecommunications network.

Contact closure input selection connector wiring:

Pin	Format	Pin	Format	Pin	Ground
1	Composite	3	YUV	5	Ground
2	S-video	4	PC		



Pin	T568A Wire color	T568B Wire color
1	White-green	White-orange
2	Green	Orange
3	White-orange	White-green
4	Blue	Blue
5	White-blue	White-blue
6	Orange	Green
7	White-brown	White-brown
8	Brown	Brown

NOTE: If you are using an Enhanced Skew-Free™ A/V cable, use the TIA/EIA T568A standard only.

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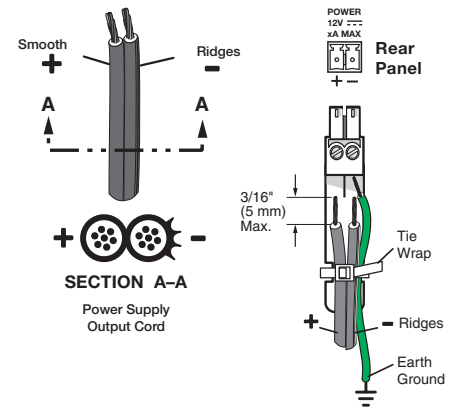
Grounding the Power Input Port

Extron MTP U T A D transmitters can be adversely affected by electrostatic discharge (ESD) if they are not grounded correctly.

To prevent malfunctions or product damage, an experienced installer can correctly ground an Extron MTP U T A D transmitter product by inserting one end of the grounding wire to the negative or ground pin on the power input connector (see the image on the right). Tie the other end of the wire to an earth ground.

Plug the connector into the MTP U T A D transmitter.

If you have any questions about how to ground a product in a specific application, contact an Extron technical support specialist.



Front Panel Switch Settings and LEDs

DIP Switches

- Contact** — Set this switch on (up) for contact closure control of the input selection. Set the switch off (down) for auto switch mode (the transmitter automatically selects the highest format video input with a sync signal present).

- Pre-Peak** — View the image and set the Pre-Peaking switch for the best image quality to correct for long cable runs of the entire system.
- 50 Hz Refresh** — Set this switch on (up) for a 50 Hz refresh rate for the resolution selected by the EDID Select switch. Set this switch off (down) for 60 Hz.

- EDID Select rotary switch** — Set this switch to one of the positions below to select either the local monitor as the source of the EDID data or a specific resolution.

- Position 0** — The loop-through monitor (2, on the other side of this guide) is the source of the EDID data.
- Position 1 - F** — Specify a resolution. The table below identifies the switch positions and the associated resolutions. By default, the vertical refresh rate for all resolutions is 60 Hz. The resolution can be set to 50 Hz using the Refresh DIP switch.

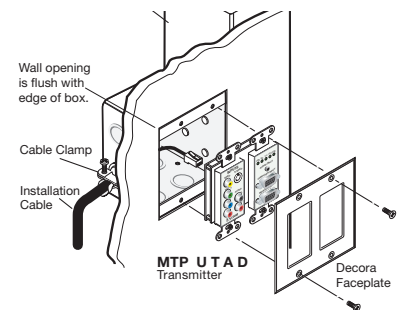
Position	Source or Resolution	Position	Resolution	Position	Resolution	Position	Resolution
0	Local monitor	4	1280 x 768	8	1366 x 768	C	1680 x 1050
1	800 x 600	5	1280 x 800	9	1400 x 1050	D	1920 x 1080
2	1024 x 768	6	1280 x 1024	A	1440 x 900	E	1920 x 1200
3	1280 x 720	7	1360 x 768	B	1600 x 1200	F	Not used

LEDs —

- Power** — This LED indicates power is applied to the MTP.
- Active input** — The lit LED: PC, YUV, S-VID, or Vid; indicates the video input connector that is selected for transmission.

Final Installation

- Make all connections, test the system, and install the device when operation is satisfactory.
- At the power outlet, unplug the power supply.
- Mount the transmitter into the wall box, and attach the supplied Decora faceplate to the unit.
- At the power outlet, reconnect the power supply.



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Extron USA - West +1.714.491.1500 +1.714.491.1517 FAX	Extron USA - East +1.919.850.1000 +1.919.850.1001 FAX	+31.33.453.4040 +31.33.453.4050 FAX	+65.6383.4400 +65.6383.4664 FAX		+86.21.3760.1568 +86.21.3760.1566 FAX			+91.80.3055.3777 +91.80.3055.3737 FAX